

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
HAWS CROSSROADS WEEKEND EQUIPMENT TRAINING SITE
HAWS CROSSROADS, TENNESSEE**

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EXECUTIVE SUMMARY

The United States (U.S.) Army is conducting qualitative assessments at operational ranges to meet the requirements of Department of Defense policy and to support the U.S. Army Sustainable Range Program. The operational range qualitative assessment (hereinafter referred to as Phase I Assessment) is the first phase of the U.S. Army Operational Range Assessment Program. This Phase I Assessment evaluates the operational range area at Haws Crossroads Weekend Equipment Training (WET) Site to assess whether further investigation is needed to determine if potential munitions constituents of concern (MCOC) are or could be migrating off-range at levels that may pose an unacceptable risk to human health or the environment. In conducting the Phase I Assessment, MCOC sources, potential off-range migration pathways, and potential off-range human and ecological receptors are evaluated as appropriate.

Haws Crossroads WET Site encompasses approximately 195.25 acres in Washington County, Tennessee. The installation is located approximately 14.5 miles northeast of Johnson City. According to the Army Range Inventory Database-Geodatabase (ARID-GEO, 2002), the operational area consists of one training and maneuver range.

A review of available records and background data, as well as interviews with U.S. Army Reserve personnel, indicated that the range at Haws Crossroads WET Site has never been used for training involving military munitions (live-fire or non-live-fire). The most recent training conducted at Haws Crossroads WET Site has been limited to small unit operations and field training exercises. Because training activities do not involve, and historically have not involved, the use of military munitions, there are no potential sources of MCOC. Therefore, potential off-range migration pathways and potential off-range human and ecological receptors were not evaluated, and the range at Haws Crossroads WET Site is categorized as Unlikely.

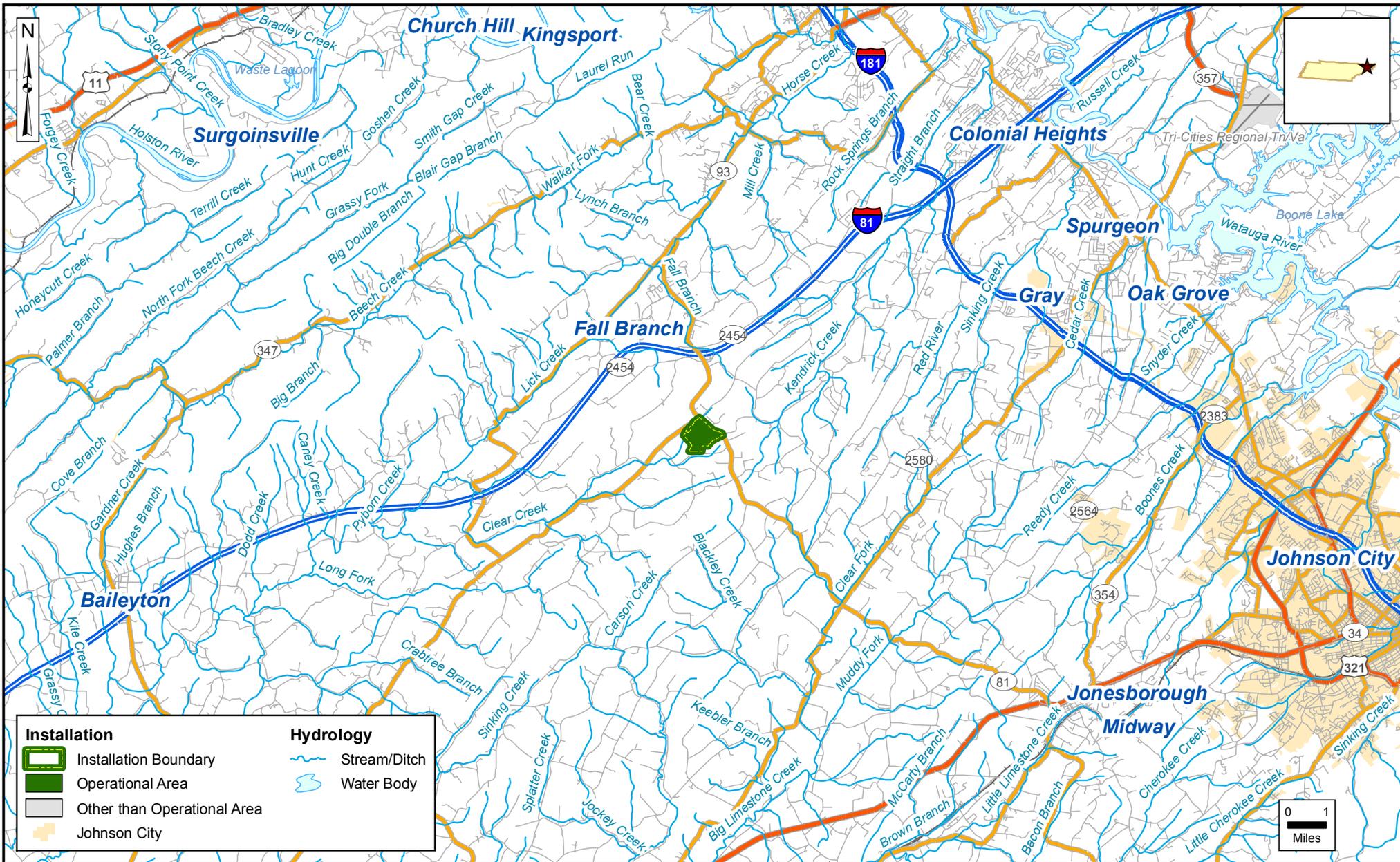
Installations with operational ranges where no munitions or only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor interactions that could present an unacceptable risk to human health or the environment. Ranges categorized as Unlikely are required to be re-evaluated at least every five years. Re-evaluation may occur sooner if significant changes (e.g., change in range operations or site conditions, regulatory changes) occur that affect determinations made during this Phase I Assessment. **Table ES-1** summarizes the Phase I Assessment findings.

Table ES-1: Summary of Findings and Conclusions for Haws Crossroads WET Site

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 195.25 acres	No source—no current or historical use of live-fire military munitions	Not evaluated (no source identified)		Re-evaluate during the five-year review.

ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
CSM	Conceptual Site Model
DoD	Department of Defense
MCOC	Munitions Constituents of Concern
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers
WET	Weekend Equipment Training



Operational Range Assessment Program
Phase I Qualitative Assessment
Haws Crossroads WET Site, TN
Figure 2-1
General Location of Haws Crossroads WET Site

Data Sources:
 AEC, ARID-GEO, 2002
 ESRI, StreetMap USA, 2005

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